**U.S. Department of Energy (DOE)  
Clean Energy to Communities (C2C) Program**

Summary of Technical Assistance (TA) Support

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| Icon  Description automatically generatedBuildings |
| Icon  Description automatically generatedClean Power |
| Climate Mitigation and Resilience |
| Cross-Sectoral Justice |
| A picture containing text, clipart  Description automatically generatedJobs and Economic Development |
| Icon  Description automatically generatedMobility |

**Williston, Vermont**

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From July through December 2023, the National Renewable Energy Laboratory (NREL), Argonne National Laboratory (Argonne), and Vermont Clean Cities provided technical support to the Town of Williston to inform their electric vehicle (EV) charging infrastructure development. Specifically, the expert team provided the town with the following deliverables:

* NREL, Argonne, and Vermont Clean Cities Coalition provided technical input on considerations for siting and procuring public EV chargers. Clean Cities identified the funding opportunities that could support Williston’s EV supply equipment procurement efforts, including EV grant funding from the Vermont state government
* NREL provided technical input on considerations for electrifying the municipal fleet. Experts shared best practices and guidance on available vehicle options based on intended use and workforce considerations
* Vermont Clean Cities engaged with stakeholders, including first responders and municipal government employees, regarding charging infrastructure and municipal fleet electrification.

 Impact

The technical assistance and engagement with experts were key to informing the roll out of the EV infrastructure. A city representative said, “[We] have a clearer idea of the characteristics of different electric vehicles and advantages/disadvantages of each, which will help make an informed decision.”

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**Background**

Ann Arbor is a city of approximately 122,000 people located in southeast Michigan. The city and its residents are leaders in sustainability and climate action. Their A2ZERO Climate Action Plan outlines their just transition pathway to community-wide carbon neutrality by 2030. With equity as a focus, they are implementing strategies to improve home energy efficiency (EE) and electrify appliances. Toward this, the city wants to explore community geothermal heating and cooling to serve a variety of building types including rental and affordable housing. The city has applied to DOE’s Geothermal Heating and Cooling Design and Deployment program and garnered the support of City Council to pursue these projects, but they need to understand the concept’s feasibility in order to make a “go, no-go” decision.

The Town of Williston in Chittenden County, Vermont, has a population of 10,000. It is one of the fastest-growing suburbs in Burlington and the broader state. The community and energy development planner who applied for technical assistance on behalf of the community works with the town energy committee to further the town’s energy goals. The town is interested in clean mobility options, with an initial interest in providing EV charging infrastructure across the town. The town’s utility is Green Mountain Power, which has been very supportive of its various clean energy efforts. Williston applied to Expert Match to obtain technical expertise to inform its EV public charging infrastructure plan as well as its effort to electrify its municipal fleet. The town was interested in identifying and prioritizing potential locations and gaining an understanding of the advantages and tradeoffs across different vendor and service options.

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**Sika Gadzanku**   
C2C Expert Match Program Manager, NREL

**Sophia Garcia-George**  
Community Lead, Main Expert Match Point of Contact, NREL

**Charbel Mansour**  
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Mobility Sciences Expert, Argonne National Laboratory

**Peggy O’Neil-Vivanco**  
Director, Vermont Clean Cities

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**Melinda Scott**  
Energy & Community Development Planner

For more information, visit:  
**energy.gov/eere/clean-energy-communities-program**

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